

## EAST Search History

Ref #	Hits	Search Query <i>h n n</i>	DBs <i>h n n</i>	Default Operator	Plurals	Time Stamp <i>h n n</i>
L1	2	("5299229").PN.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2006/03/01 08:32
L2	2	("5283780").PN.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2006/03/01 08:33
L3	2	("5263050").PN.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2006/03/01 08:34
L4	2	("0525893").PN.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2006/03/01 08:34
L5	2	("5258983").PN.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2006/03/01 08:35
L6	2	("5212684").PN.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2006/03/01 08:35
L7	2	("5136586").PN.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2006/03/01 08:36
L8	2	("5103459").PN.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2006/03/01 08:36
L9	2	("5101501").PN.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2006/03/01 08:37

## EAST Search History

L10	2	("5068849").PN.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2006/03/01 08:37
L11	2	("5056109").PN.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2006/03/01 08:38
L12	2	("5022046").PN.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2006/03/01 08:39
L13	2	("5159608").PN.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2006/03/01 08:40
L14	2	("5157672").PN.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2006/03/01 08:40
L15	2	("5003533").PN.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2006/03/01 08:41
L16	2	("4939745").PN.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2006/03/01 08:41
L17	2	("4933952").PN.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2006/03/01 08:41
L18	2	("4901307").PN.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2006/03/01 08:42
L19	2	("4872200").PN.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2006/03/01 08:42

## EAST Search History

L20	2	("4813040").PN.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2006/03/01 08:43
L21	2	("4765753").PN.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2006/03/01 08:43
L22	2	("4730340").PN.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2006/03/01 08:44
L23	2	("4688035").PN.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2006/03/01 08:44
L24	2	("4672658").PN.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2006/03/01 08:45
L25	2	("4641322").PN.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2006/03/01 08:45
L26	2	("4635221").PN.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2006/03/01 08:46
L27	2	("4580262").PN.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2006/03/01 08:46
L28	2	("4495648").PN.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2006/03/01 08:47
L29	2	("4472815").PN.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2006/03/01 08:47

## EAST Search History

L30	2	("4460992").PN.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2006/03/01 08:48
L31	3	("4301530").PN.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2006/03/01 08:48
L32	2	("4291409").PN.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2006/03/01 08:49
L33	3	("4225976").PN.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2006/03/01 08:49
L34	3	("4222115").PN.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2006/03/01 08:50
L35	3	("4123718").PN.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2006/03/01 08:50
L36	0	("41122257").PN.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2006/03/01 08:51
L37	2	("4112257").PN.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2006/03/01 08:51
L38	2	("4052565").PN.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2006/03/01 08:51
L39	3	("3715508").PN.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2006/03/01 08:52

## EAST Search History

L40	4	("3310631").PN.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2006/03/01 08:52
L41	2	("5128965").PN.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2006/03/01 08:53
L42	2	("5390338").PN.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2006/03/01 08:53
L43	2	("5305468").PN.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2006/03/01 08:53
L44	2	("5465399").PN.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2006/03/01 08:54
L45	2	("5220678").PN.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2006/03/01 08:54
L46	2	("5487180").PN.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2006/03/01 08:55
L47	2	("5245629").PN.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2006/03/01 08:56
L48	2	("5267262").PN.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2006/03/01 08:56
L49	2	("5383219").PN.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2006/03/01 08:57

## EAST Search History

L50	2	("5204876").PN.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2006/03/01 08:57
L51	2	("5029331").PN.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2006/03/01 08:58
L52	2	("5442625").PN.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2006/03/01 08:59
L53	2	("5991284").PN.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2006/03/01 09:00
L54	2	("5710982").PN.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2006/03/01 09:00
L55	2	("5579373").PN.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2006/03/01 09:00
L56	2	("5570353").PN.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2006/03/01 09:01
L57	2	("6018544").PN.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2006/03/01 09:01
L58	2	("5930684").PN.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2006/03/01 10:10
L59	421	(370/311).CCLS.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2006/03/01 10:10

## EAST Search History

L60	2623	(370/335).CCLS.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2006/03/01 10:11
L61	359	(370/318).CCLS.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2006/03/01 10:11
L62	676	(370/410).CCLS.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2006/03/01 10:11
L63	1892	(370/465).CCLS.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2006/03/01 10:11
L64	2102	(455/522).CCLS.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2006/03/01 10:11
L65	1558	(455/69).CCLS.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2006/03/01 10:11
L66	2	I59 and frequency adj rate same threshold	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/03/01 10:13
L67	1	I60 and frequency adj rate same threshold	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/03/01 10:14
L68	0	I61 and frequency adj rate same threshold	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/03/01 10:14
L69	0	I62 and frequency adj rate same threshold	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/03/01 10:15



## EAST Search History

L70	0	I63 and frequency adj rate same threshold	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/03/01 10:15
L71	0	I64 and frequency adj rate same threshold	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/03/01 10:15
L72	4	I64 and frequency near3 rate same threshold	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/03/01 10:16
L73	2	I65 and frequency near3 rate same threshold	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/03/01 10:21
L74	0	(base near3 station and power near3 control near3 message and subchannel and frequency near3 rate and threshold).clm.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/03/01 10:23
L75	0	(base near3 station and power near3 control near3 message and subchannel and frequency near3 rate).clm.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/03/01 10:23
L76	1	(base near3 station and power near3 control and subchannel and frequency near3 rate).clm.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/03/01 10:24
L77	133	willenegger.in.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/03/01 10:24
L78	1723	jou.in.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/03/01 10:24



## EAST Search History

L79	4	I77 and (reverse with link) same (channel or subchannel) same base same (power near control near (message or signal)) and (frame near3 error near3 rate same threshold)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/03/01 10:26
L80	3	I78 and (reverse with link) same (channel or subchannel) same base same (power near control near (message or signal)) and (frame near3 error near3 rate same threshold)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/03/01 10:26
S1	193	(reverse with link) same (channel or subchannel) and base same (power near control) and FER	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/03/01 08:32
S2	49	(reverse with link) same (channel or subchannel) and base same (power near control near (message or signal)) and FER	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2004/09/01 14:05
S3	79	(reverse with link) same (channel or subchannel) same base same (power near control near (message or signal))	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/02/28 16:04
S4	23	(reverse with link) same (channel or subchannel) same base same (power near control near (message or signal)) and FER	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2004/09/01 14:11
S5	2	("5299229").PN.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2004/09/01 15:30
S6	2	("5283780").PN.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2004/09/01 15:31
S7	2	("5263050").PN.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2004/09/01 15:31
S8	1	("0525983").PN.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2004/09/01 15:32

## EAST Search History

S9	2	("5258983").PN.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2004/09/01 15:32
S10	2	("5212684").PN.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2004/09/01 15:33
S11	2	("5136586").PN.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2004/09/01 15:33
S12	2	("5103459").PN.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2004/09/01 15:34
S13	2	("5101501").PN.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2004/09/01 15:34
S14	2	("5068849").PN.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2004/09/01 15:35
S15	2	("5056109").PN.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2004/09/01 15:35
S16	2	("5022046").PN.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2004/09/01 15:37
S17	22	((("5159608") or ("5157672") or ("5003533") or ("4939745") or ("4933952") or ("4901307") or ("4872200") or ("4813040") or ("4765753") or ("4730340") or ("4688035"))).PN.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2004/09/01 15:40

## EAST Search History

S18	25	((("4672658") or ("4641322") or ("4635221") or ("4580262") or ("4495648") or ("4472815") or ("4460992") or ("4301530") or ("4291409") or ("4225976") or ("4222115"))).PN.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2004/09/01 15:52
S19	24	((("4123718") or ("4112257") or ("4052565") or ("3715508") or ("3310631") or ("5128965") or ("5390338") or ("5305468") or ("5465399") or ("5220678") or ("5478180"))).PN.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2004/09/01 15:56
S20	24	((("4123718") or ("4112257") or ("4052565") or ("3715508") or ("3310631") or ("5128965") or ("5390338") or ("5305468") or ("5465399") or ("5220678") or ("5487180"))).PN.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2004/09/01 15:58
S21	24	((("5245629") or ("5267262") or ("5383219") or ("5204876") or ("5029331") or ("5442625") or ("5991284") or ("5710982") or ("5579373") or ("5570353") or ("6018544") or ("5930684"))).PN.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2004/09/01 16:01
S11 3	2	("6,240,071").PN.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2005/08/17 13:44
S11 4	0	frame adj rate adj error same power adj control	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2005/08/17 13:44
S11 5	7	frame adj rate adj error and power adj control	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2005/08/17 13:52
S11 6	387	(370/311).CCLS.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2005/08/17 13:58
S11 7	2369	(370/335).CCLS.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2005/08/17 13:58

## EAST Search History

S11 8	1900	(455/522).CCLS.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2005/08/17 13:58
S11 9	1435	(455/69).CCLS.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2005/08/17 13:58
S12 0	15	S116 and frame adj rate	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2005/08/17 14:00
S12 1	0	S116 and frame adj rate with threshold	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2005/08/17 14:00
S12 2	4	S117 and frame adj rate with threshold	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2005/08/17 14:01
S12 3	23	S117 and frame adj error adj rate with threshold	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2005/08/17 14:01
S12 4	0	("willenegger.in.").PN.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2005/08/18 08:58
S12 5	0	("willenegger.in.").PN.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2005/08/18 08:58
S12 6	118	willenegger.in.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2005/08/18 08:59
S12 7	0	S126 and threshold and frame adj rate adj error	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2005/08/18 08:59

## EAST Search History

S12 8	0	S126 and frame adj rate adj error	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2005/08/18 08:59
S12 9	29	(reverse with link) same (channel or subchannel) same base same (power near control near (message or signal)) and (frame near3 error near3 rate same threshold)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/03/01 10:25